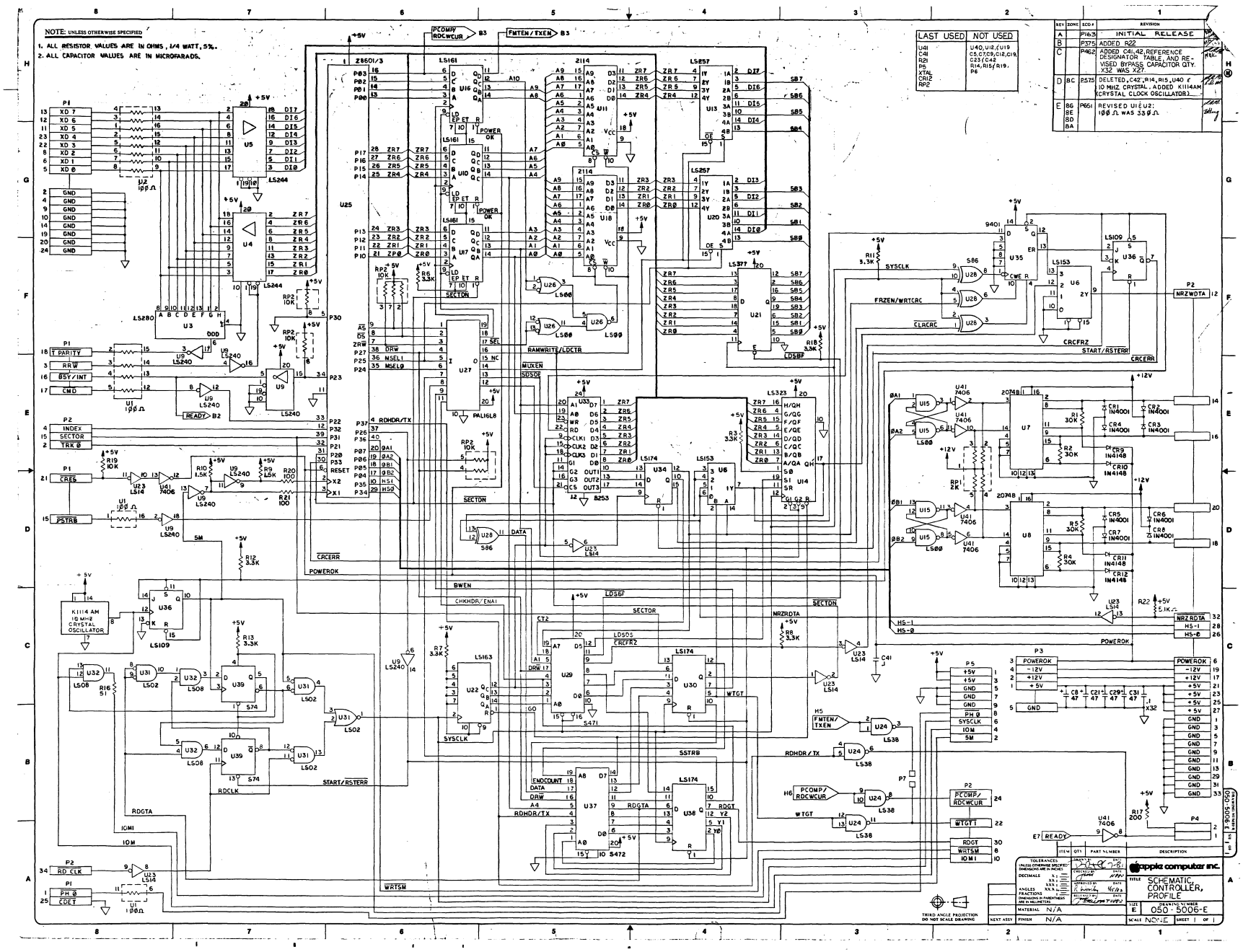
NOTE: UNLESS OTHERWISE SPECIFIED
1. ALL RESISTOR VALUES ARE IN OHMS, 1/4 WATT, 5%.
2. ALL CAPACITOR VALUES ARE IN MICROFARADS.
LAST USED
NOT USED
U41, U12, CU19, C5, C7, C9, C12, C19, C23, C42, R14, R15, R19, P6
U41
C41
R21
P5
XTAL
CR12
RP2
REV | ZONE | ECO # | REVISION
A | P163 | INITIAL RELEASE
B | P375 | ADDED R22
C | P462 | ADDED C41, 42, REFERENCE DESIGNATOR TABLE, AND REVISED BYPASS CAPACITOR QTY. X32 WAS X27.
D | BC | P575 | DELETED, C42, R14, R15, U40 & 10 MHZ CRYSTAL. ADDED K1114AM (CRYSTAL CLOCK OSCILLATOR.)
E | 8G, 8E, 8D, 8A | P651 | REVISED U1 & U2: 100Ω WAS 33Ω
+5V
PCOMP/RDCWCUR B3
FMTEN/TXEN B3
P1
XD 7
XD 6
XD 5
XD 4
XD 3
XD 2
XD 1
XD 0
GND
U2 100Ω
U5
LS244
U4
LS280
U3
P1
T PARITY
RRW
BSY/INT
CMD
U1 100Ω
U9 LS240
READY B2
P2
INDEX
SECTOR
TRK 0
P1
CRES
PSTRB
U1 100Ω
U9 LS240
RESET
X2
X1
U23 LS14
U41 7406
R10 1.5K
R9 1.5K
R20 100
R21 100
5M
R12 3.3K
K1114 AM 10 MHZ CRYSTAL OSCILLATOR
U36
LS109
R13 3.3K
U32 LS08
U31 LS02
U39 S74
R16 51
RDCLK
START/RSTERR
RDGTA
IOM1
IOM
P2
RD CLK
P1
PH 0
CDET
U1 100Ω
WRTSM
Z8601/3
P03
P02
P01
P00
U16
LS161
POWER OK
U10
U17
SECTON
P17
P16
P15
P14
P13
P12
P11
P10
U25
RP2 10K
R6 3.3K
LS280
P30
DDD
U8 LS240
U9 LS240
P23
RP2 10K
P37 4 RDHDR/TX
P26 36
P36 40
P07 20 ØA1
P06 19 ØA2
P05 18 ØB1
P04 17 ØB2
P35 10 HS1
P34 29 HS0
PAL16L8
U27
SEL
NC
NSELI
NSELO
DRW
RAMWRITE/LDCTR
MUXEN
SDSOF
SECTON
DATA
S86
CRCERR
POWEROK
BWEN
CHKHDR/ENAI
SECTOR
LDSOF
LDSDS
CRCFR2
CT2
U29 S471
U30
WTGT
GO
U22 LS163
SYSCLK
SSTRB
ENDCOUNT
DATA
DRW
A4
RDHDR/TX
U37
U38
RDGTA
A0
S472
RDQT
2114
U11
U18
U13
LS257
U20
LS377
U21
ZR7
ZR6
ZR5
ZR4
ZR3
ZR2
ZR1
ZR0
SB7
SB6
SB5
SB4
SB3
SB2
SB1
SB0
DI7
DI6
DI5
DI4
DI3
DI2
DI1
DI0
LS00
RAMWRITE/LDCTR
LDSBF
U33 LS374
U34 LS174
U35 LS153
U6
U14 LS323
H/QH
G/QG
F/QF
E/QE
D/QD
C/QC
B/QB
A/QA
SØ
S1
SR
QH
U15 LS00
U41 7406
U7 20748
U8 20748
R1 30K
R2 30K
R5 30K
R4 30K
CR1 IN4001
CR2 IN4001
CR3 IN4001
CR4 IN4001
CR9 IN4148
CR10 IN4148
CR5 IN4001
CR6 IN4001
CR7 IN4001
CR8 IN4001
CR11 IN4148
CR12 IN4148
RP1 2K
+12V
9401
U35
LS109
U36
LS153
U6
SYSCLK
FRZEN/WRTCRC
CLRCRC
CRCFRZ
START/RSTERR
CRCERR
R11 3.3K
R18 3.3K
P2
NRZWDTA
NRZRDTA
HS-1
HS-0
POWEROK
R22 5.1K
P3
POWEROK
-12V
+12V
+5V
GND
C8 47
C21 47
C29 47
C31 47
X32
P5
+5V
+5V
GND
GND
GND
PH 0
SYSCLK
IOM
5M
FMTEN/TXEN
RDHDR/TX
PCOMP/RDCWCUR
WTGT
RDQT
WRTSM
IOM1
P7
H5
H6
P2
PCOMP/RDCWCUR
WTGT
RDQT
WRTSM
IOM1
P4
R17 200
E7 READY
U41 7406
ITEM | QTY | PART NUMBER | DESCRIPTION
TOLERANCES UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES
DECIMALS
ANGLES FRACTIONS
DIMENSIONS IN PARENTHESIS ARE IN MILLIMETERS
THIRD ANGLE PROJECTION DO NOT SCALE DRAWING
MATERIAL N/A
NEXT ASSY
FINISH N/A
apple computer inc.
TITLE
SCHEMATIC, CONTROLLER, PROFILE
SIZE E
DRAWING NUMBER 050-5006-E
SCALE NONE
SHEET 1 OF 1